

figure 1

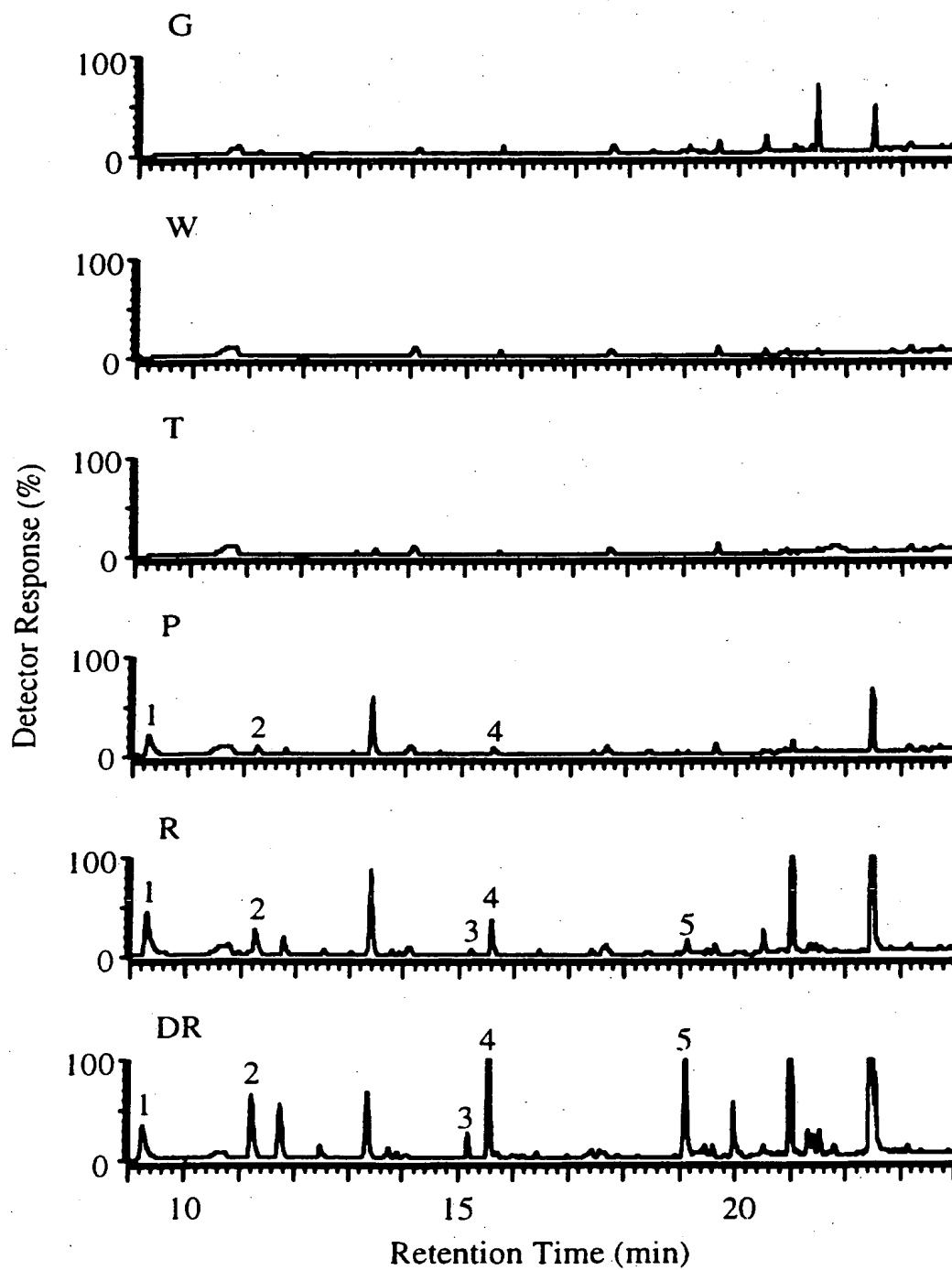


figure 2

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**Strawberry alcohol acyl transferase expression  
in the different strawberry plant tissues  
(Northern blot analysis)**

1 2 3 4 5 6 7 8 9 10



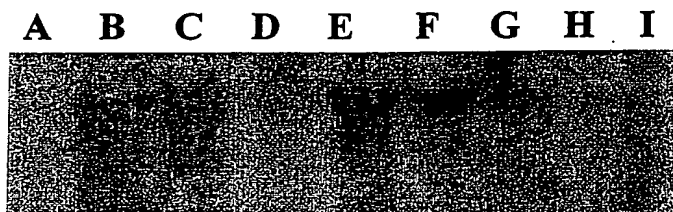
1 = root  
2 = petiole  
3 = leaf  
4 = flower  
5 = green fruit

6 = white fruit  
7 = turning fruit  
8 = red fruit  
9 = seeds  
10 = overripe fruit

**figure 3**

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# **Citrus lemon acyl transferase expression in the different citrus plant tissues (Northern blot analysis)**



A = root

B = leaf

C = flower bud

D = albedo

E = green fruit peel (1.2 x 2 cm)

F = green fruit peel (2 x 3 cm)

G = green fruit peel (3.5 x 6 cm)

H = green fruit peel (6 x 8 cm), ripe

I = yellow fruit peel (2 weeks detached)

**figure 4**

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## Expression of thiolase, alcohol dehydrogenase and pyruvate decarboxylase in different strawberry tissues

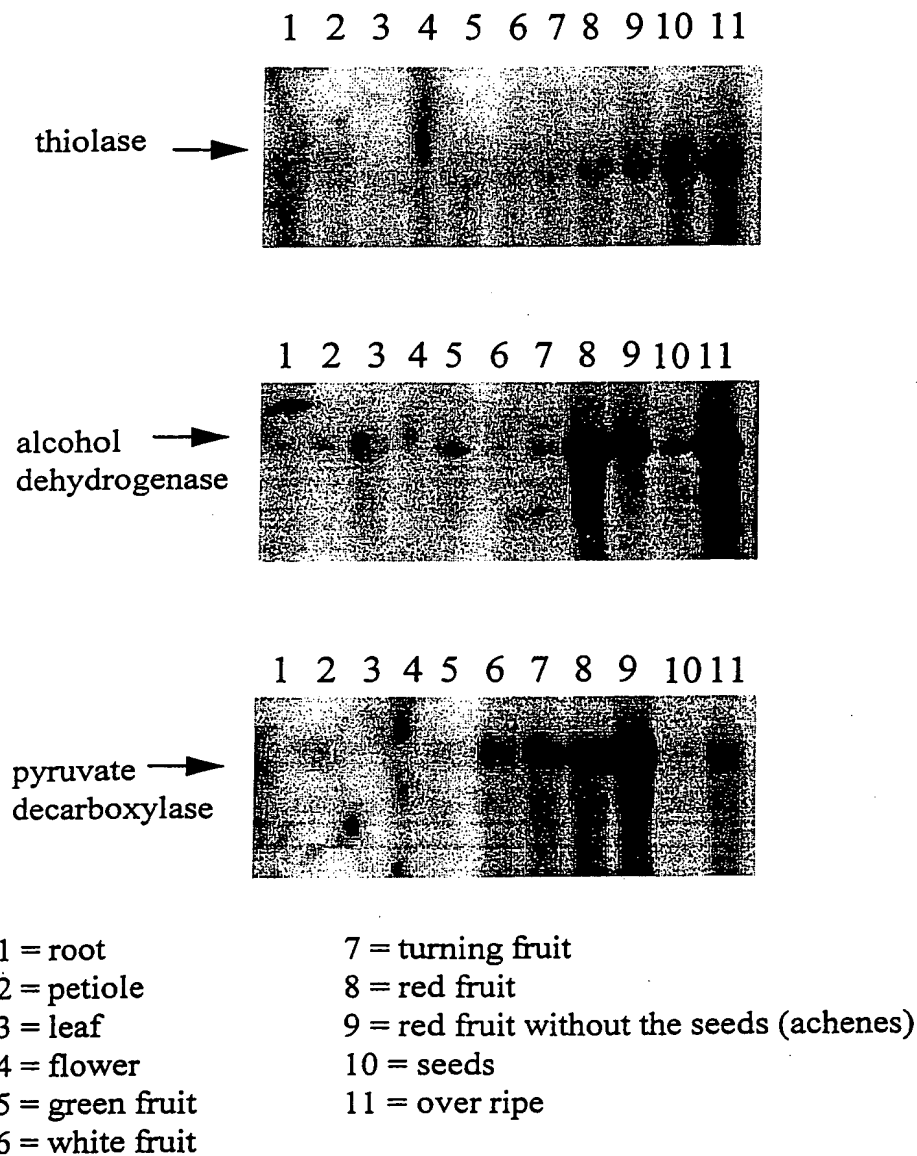
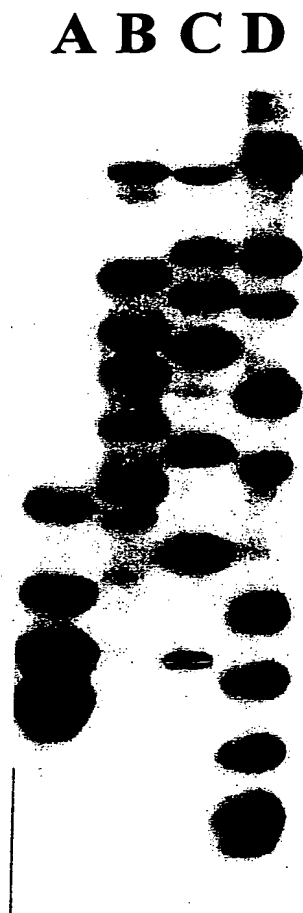


figure 5

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# **Southern blot analysis of strawberry alcohol acyl transferase**



**figure 6**

**A = HindIII**  
**B = EcoRI**  
**C = XbaI**  
**D = XhoI**

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The pRSET B expression vector used for  
the cloning of strawberry alcohol acyl  
transferase (E27)

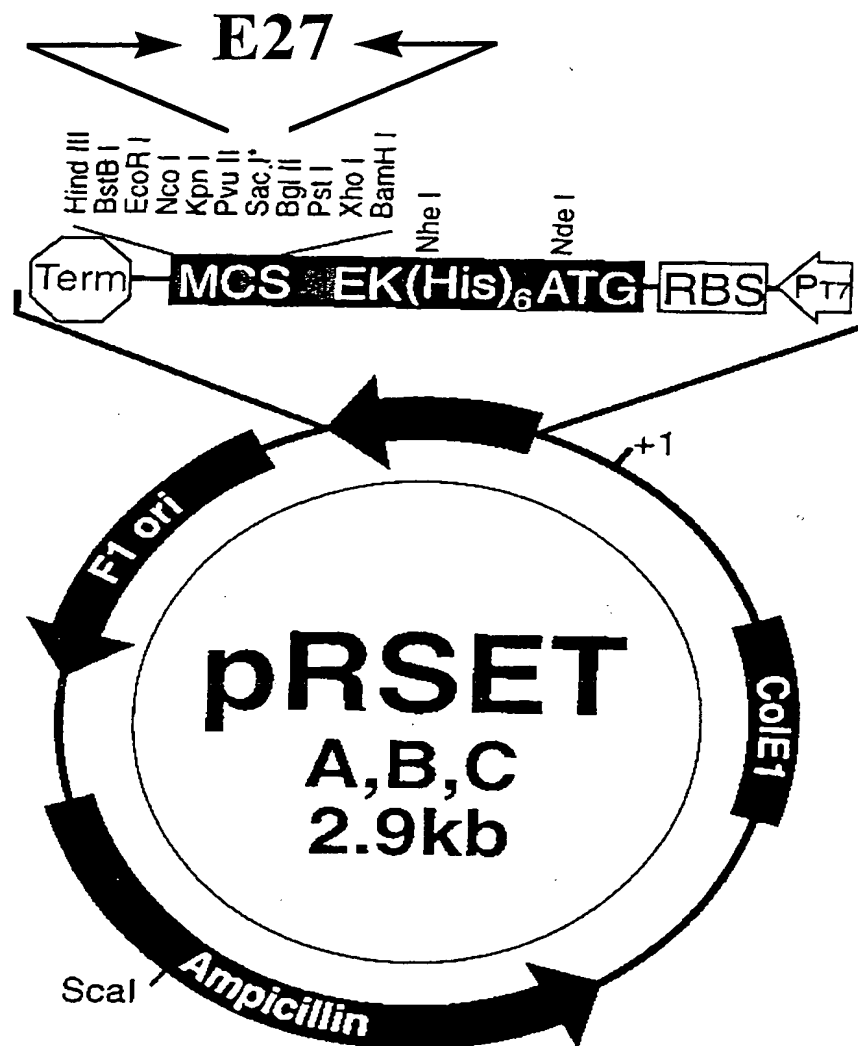


figure 7

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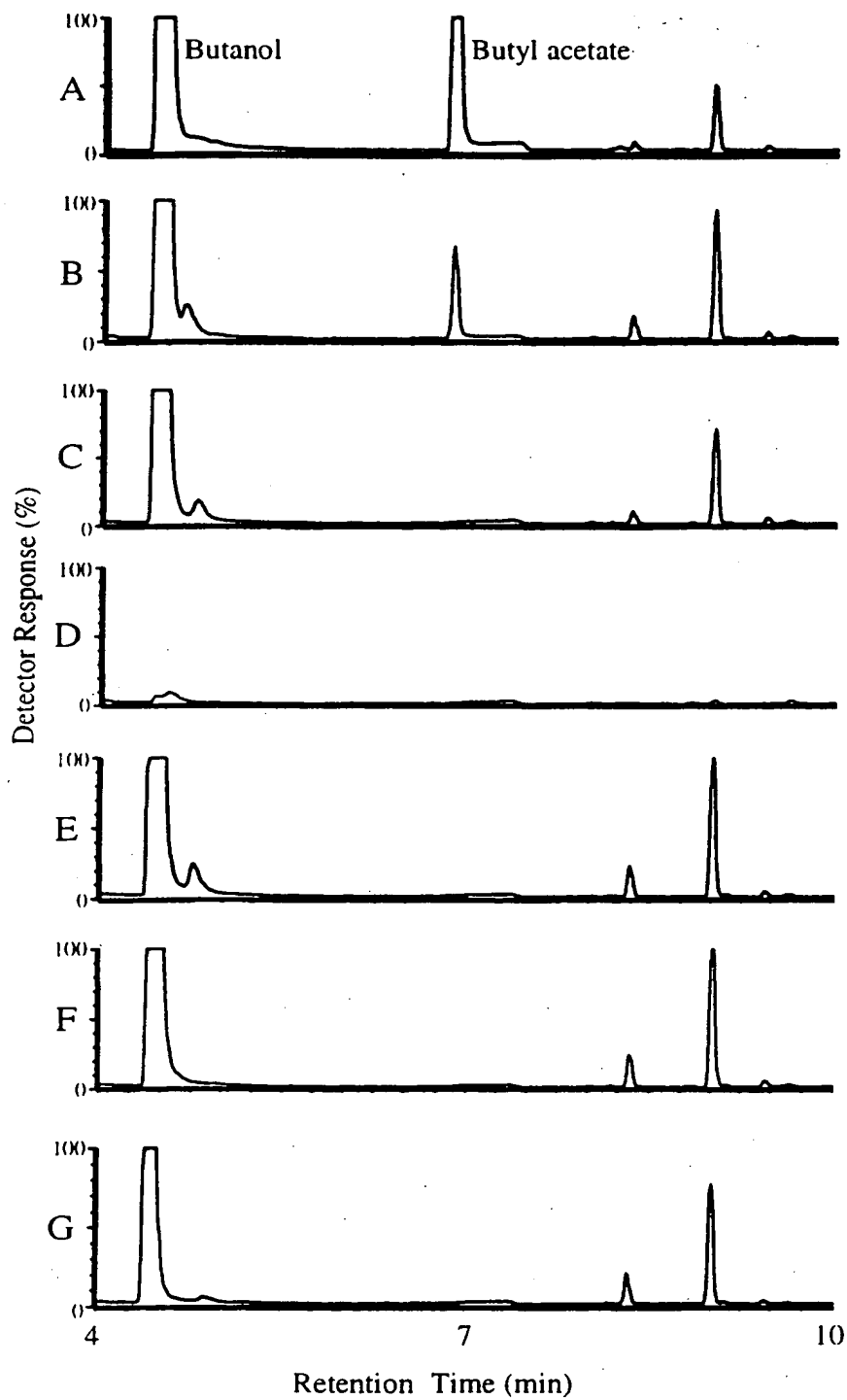
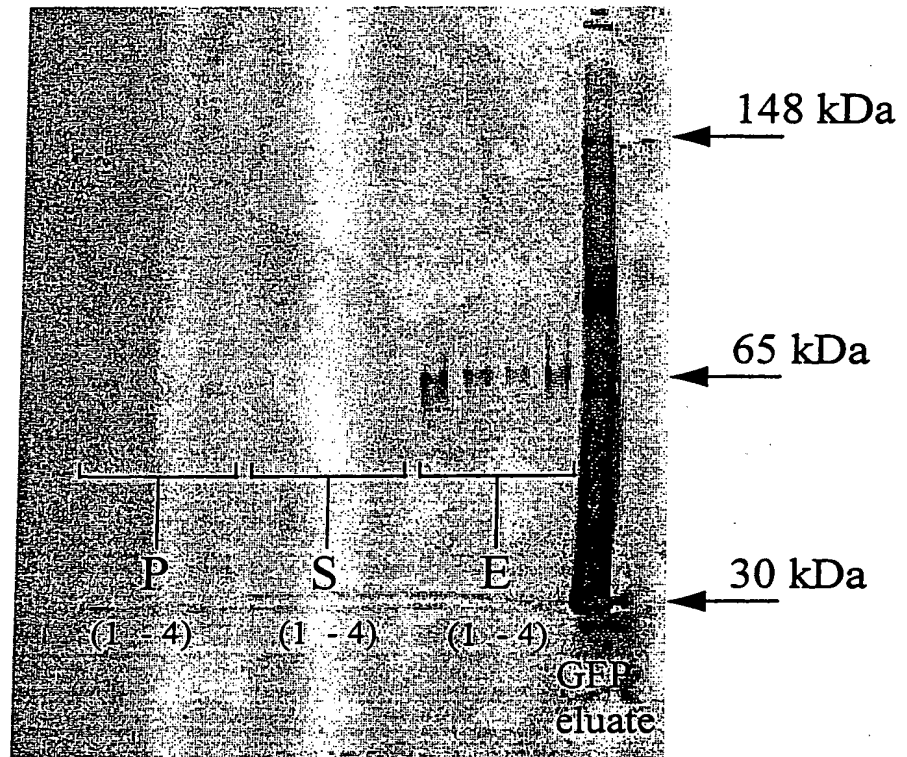


figure 8



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**Western blot analysis with the commercial antibody recognizing an epitope peptide fused to the N - terminus of the recombinant strawberry alcohol acyl transferase (E27).**



P = pellet from E27 cultures

S = supernatant from E27 cultures

E = eluate from the Ni - NTA column from E27 cultures

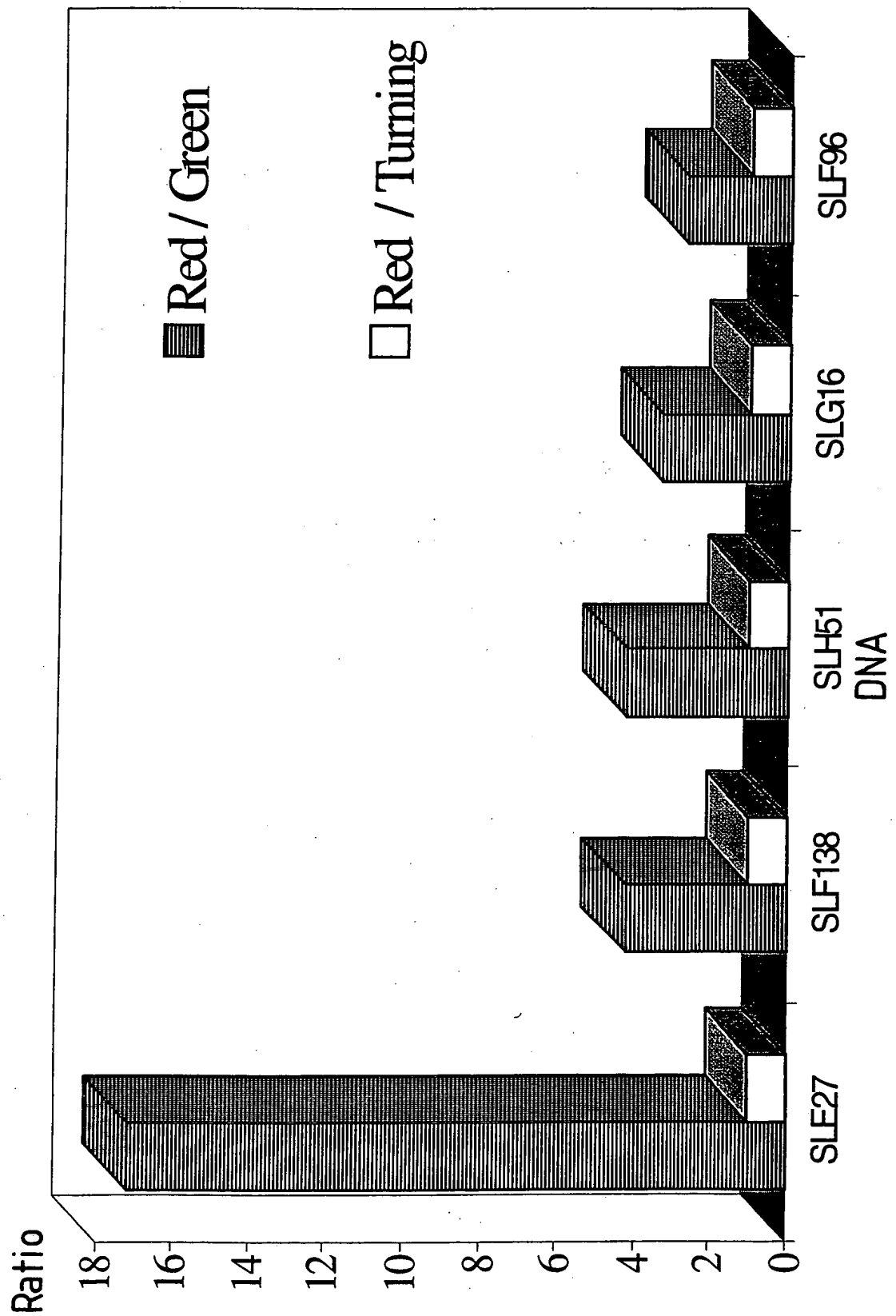
GFP = recombinant Green Fluorescent Protein purified in the same way as E27.

1 - 4 are four different growth and induction treatments

**figure 9**

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figure 10



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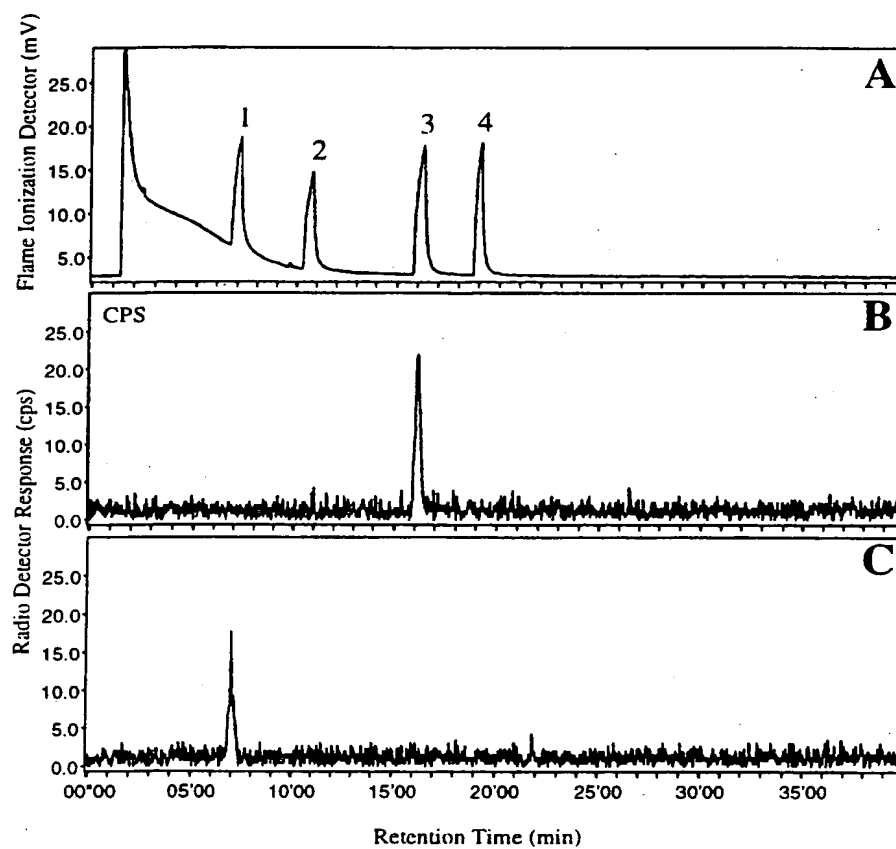
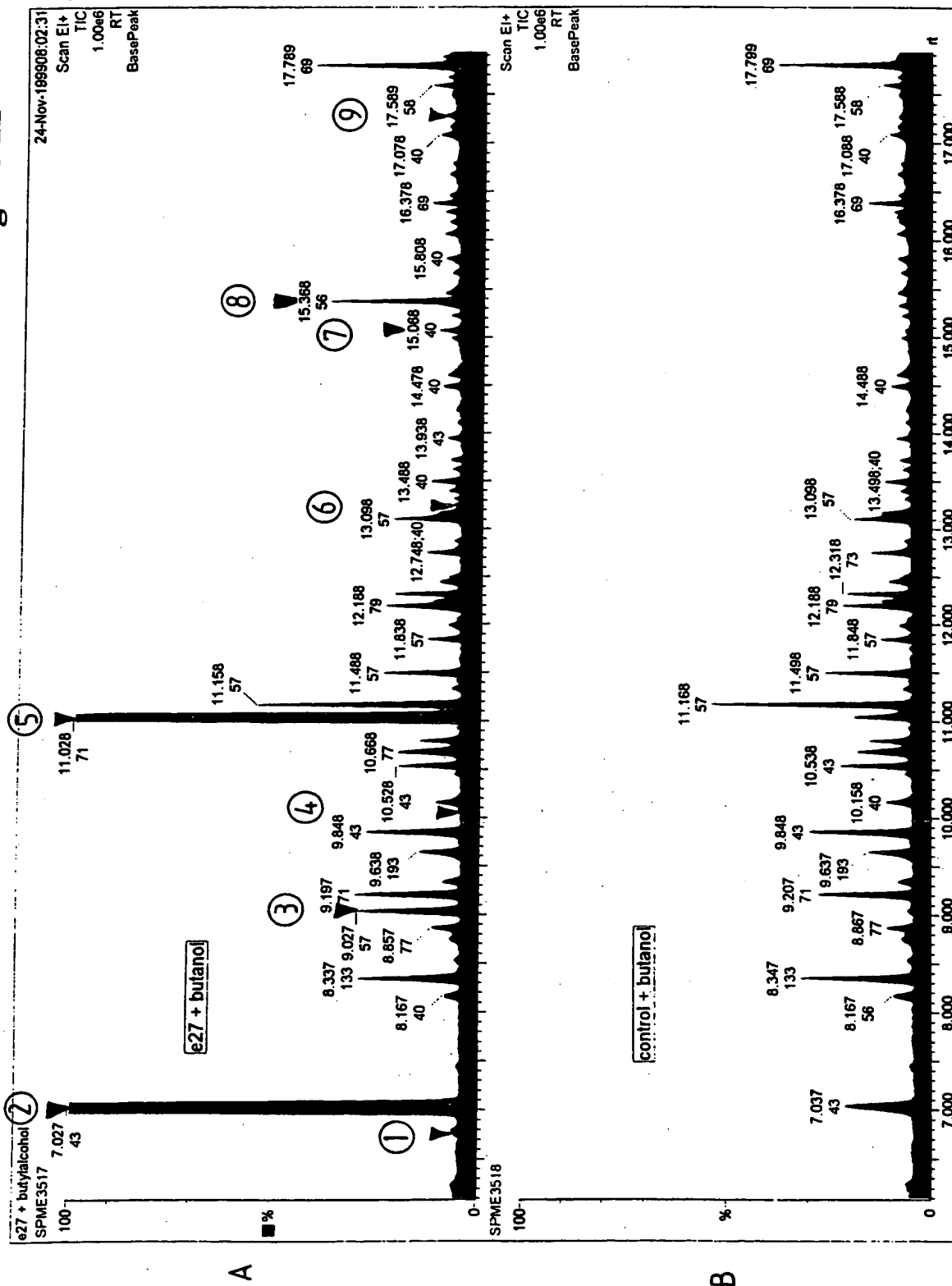


figure 11

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figure 12



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figure 13

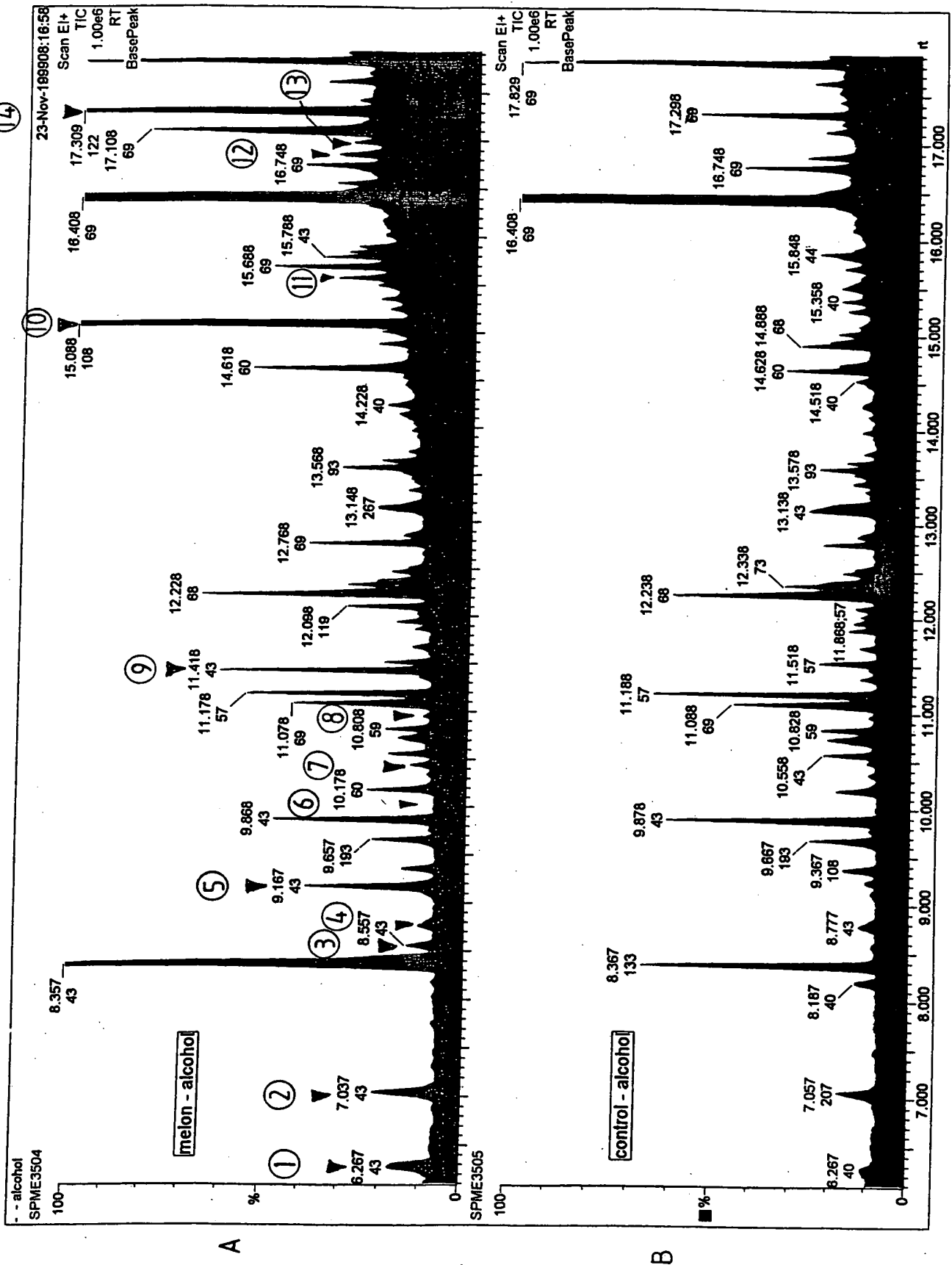
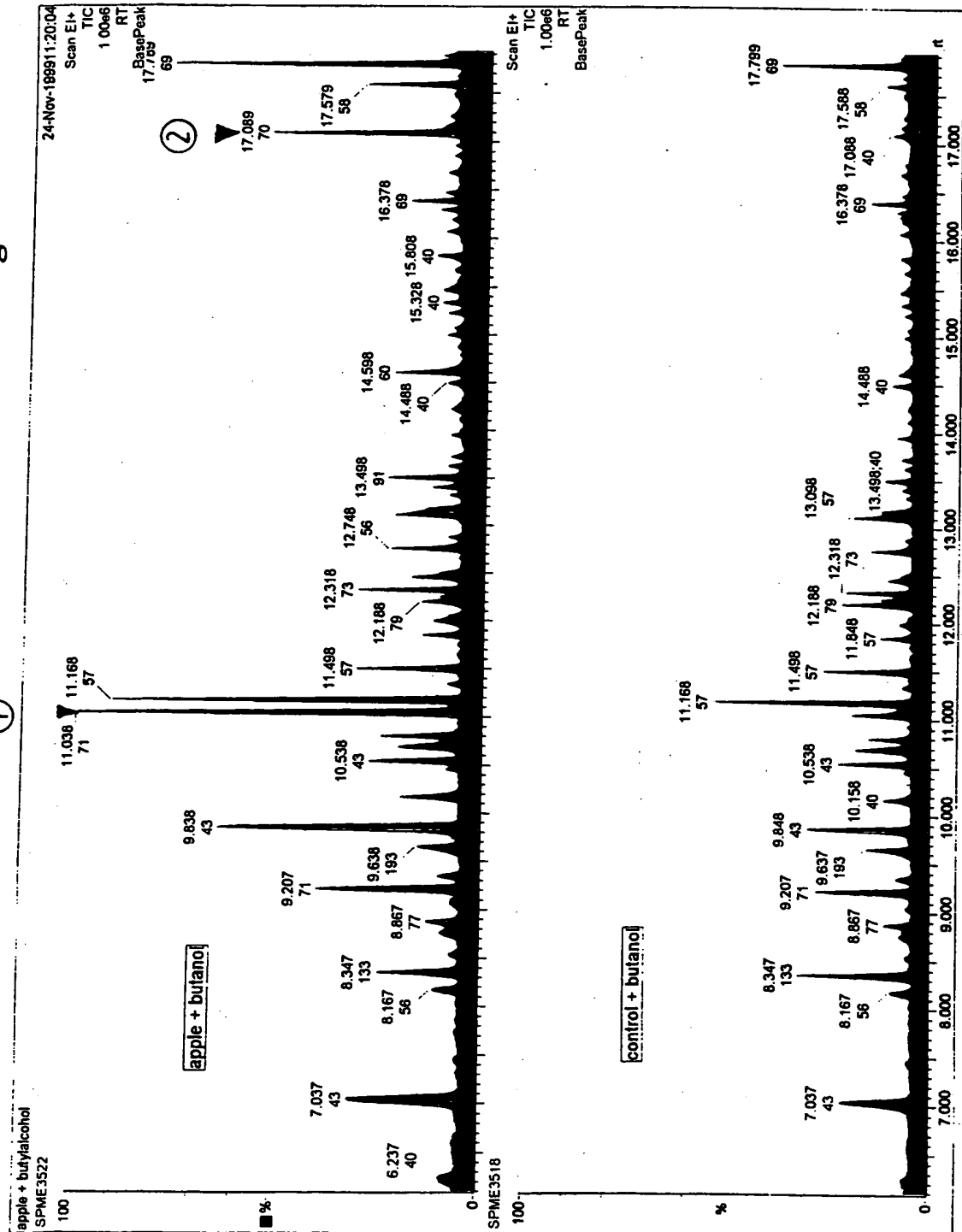


figure 14



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figure 15

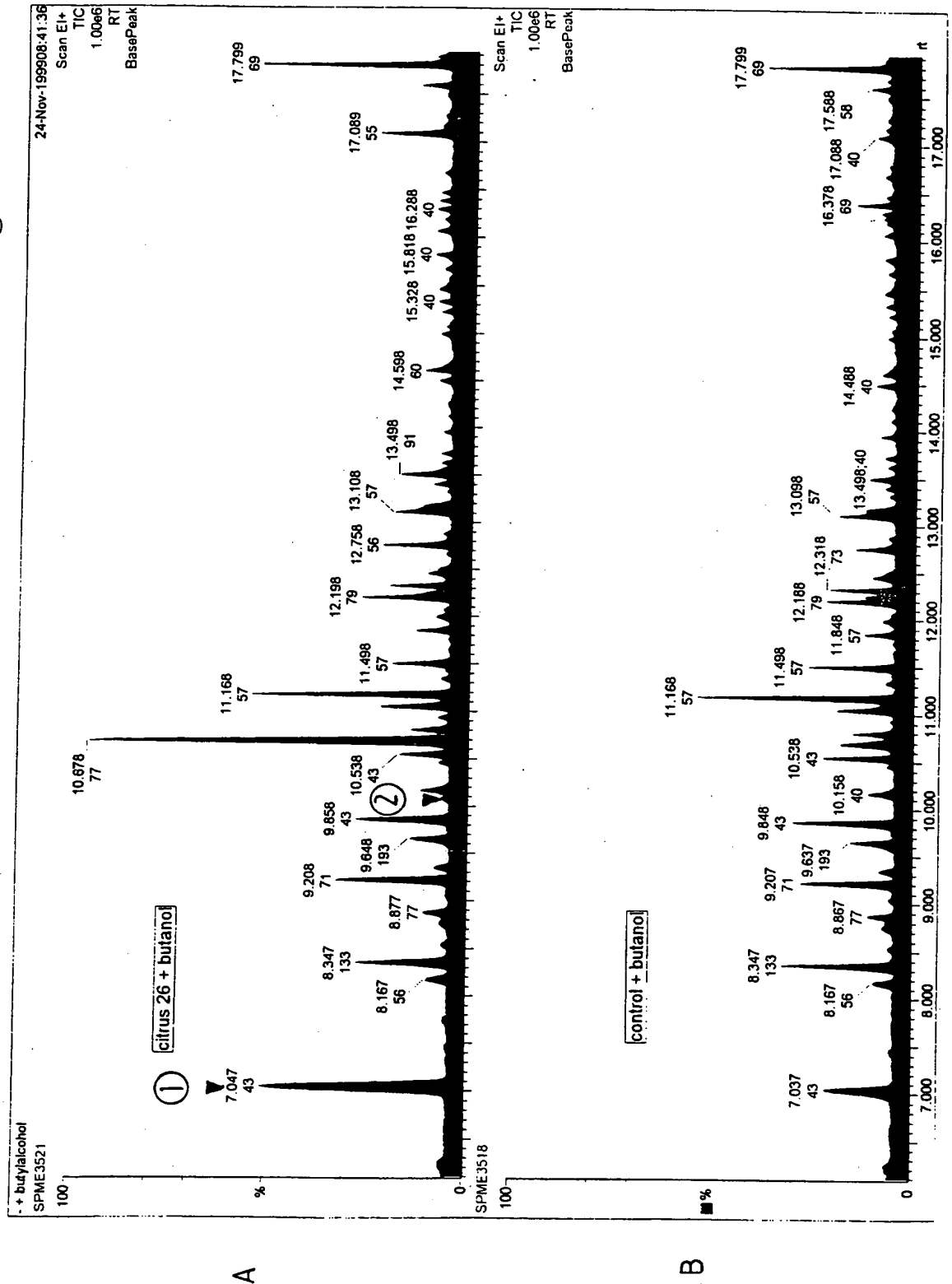
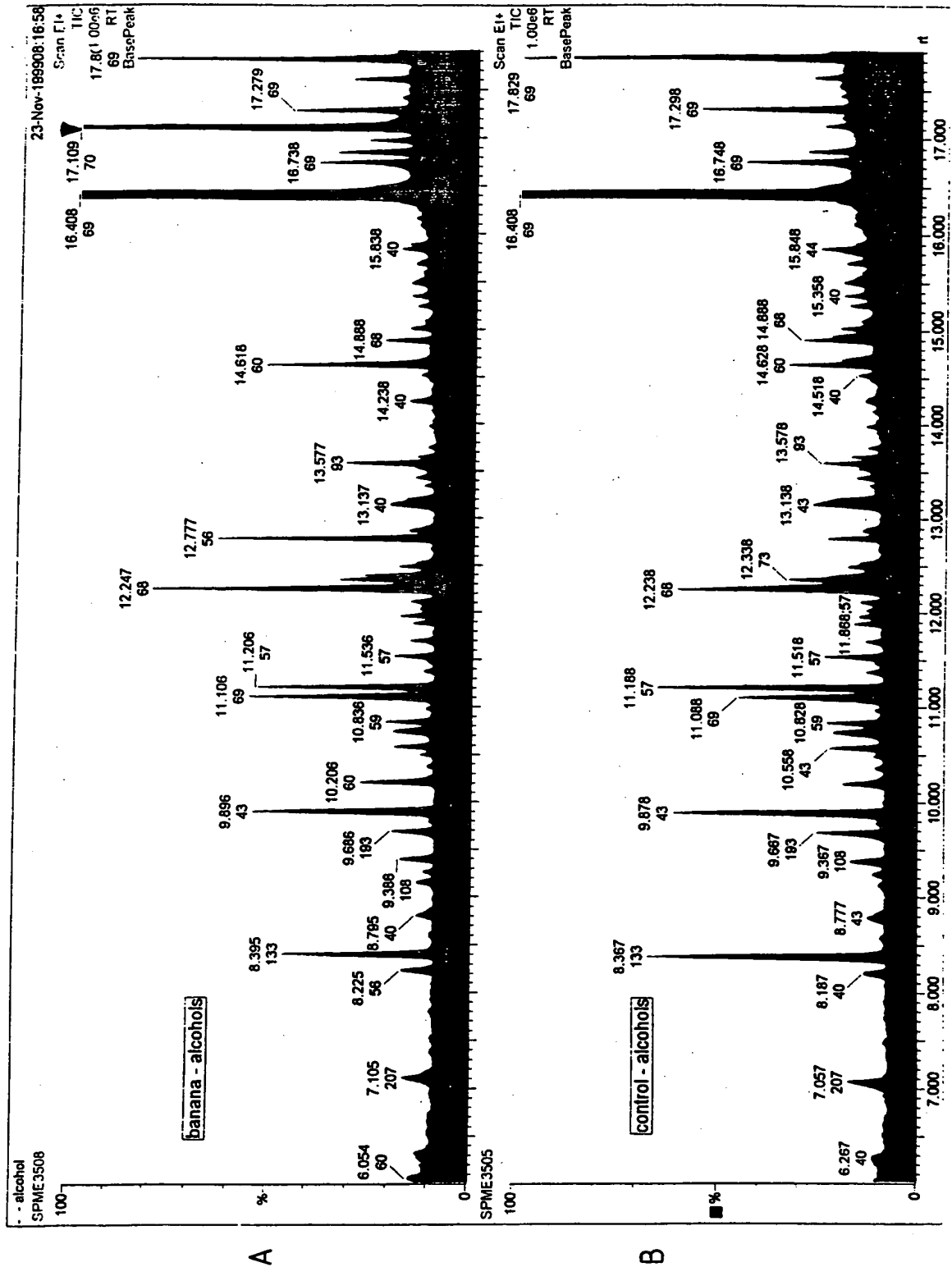


figure 16





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figure 17



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figure 18

